

FIG.1A

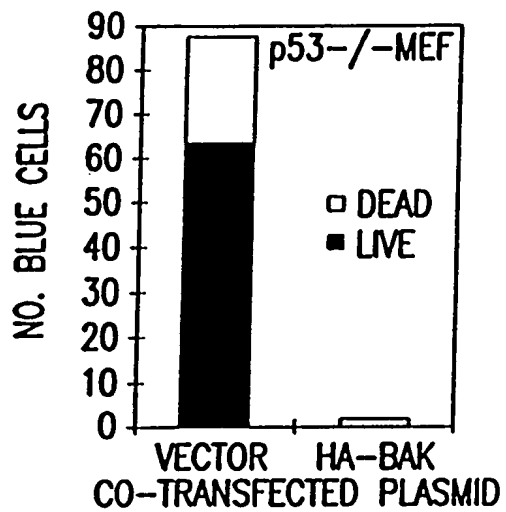


FIG.1B

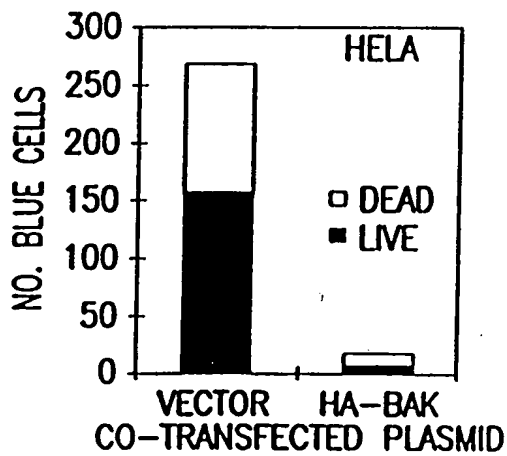


FIG.1C

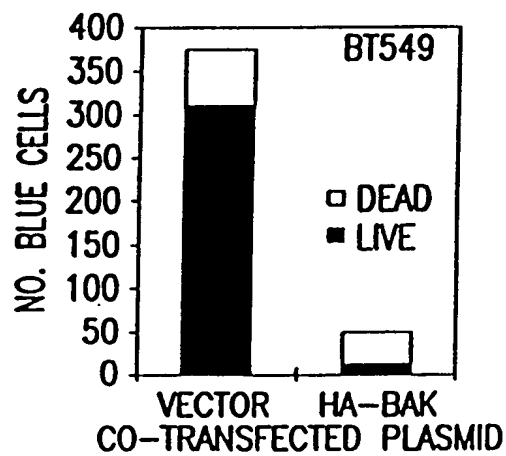


FIG.1D

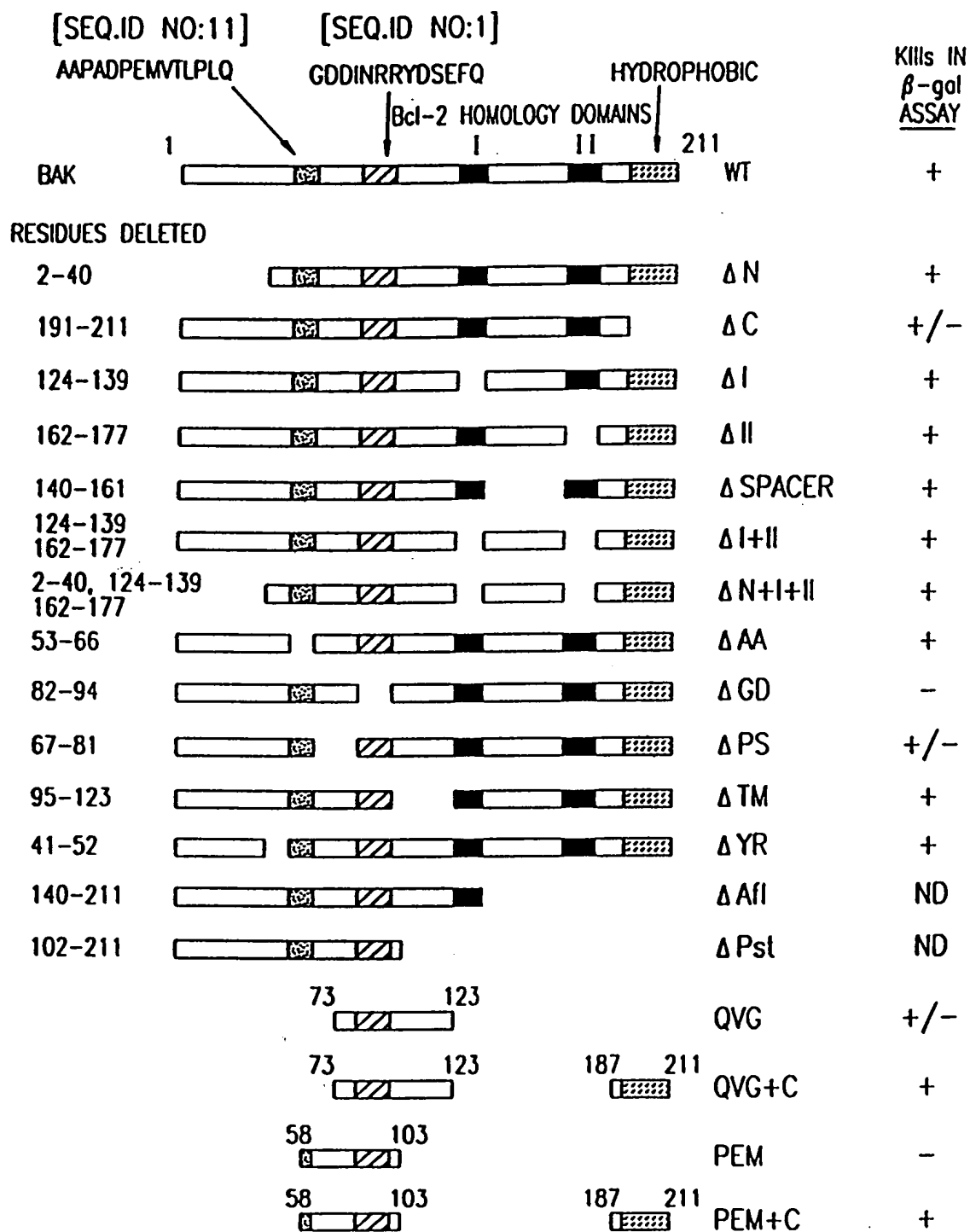


FIG.2



Interaction of Bak with GST-Bcl-x_L *in vitro*

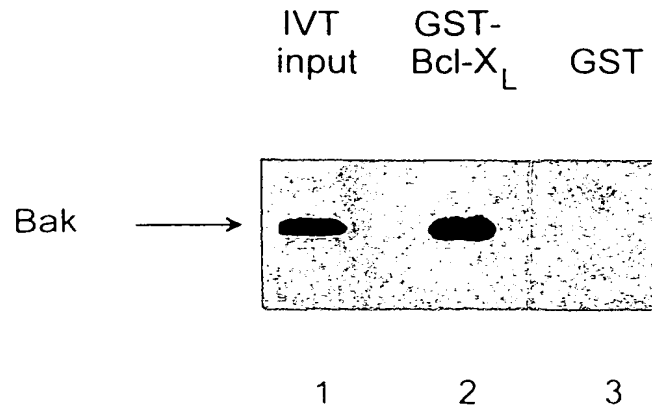


FIG.3A

Interaction of Bak with Bcl-x_L in COS cells

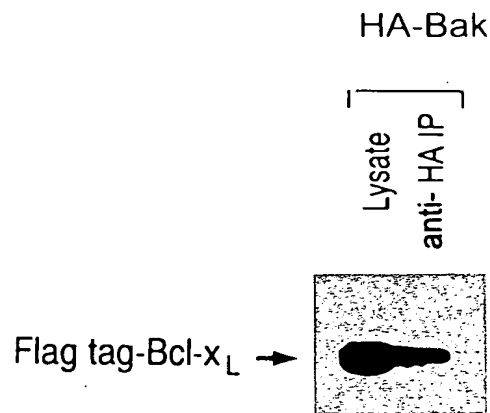


FIG.3B

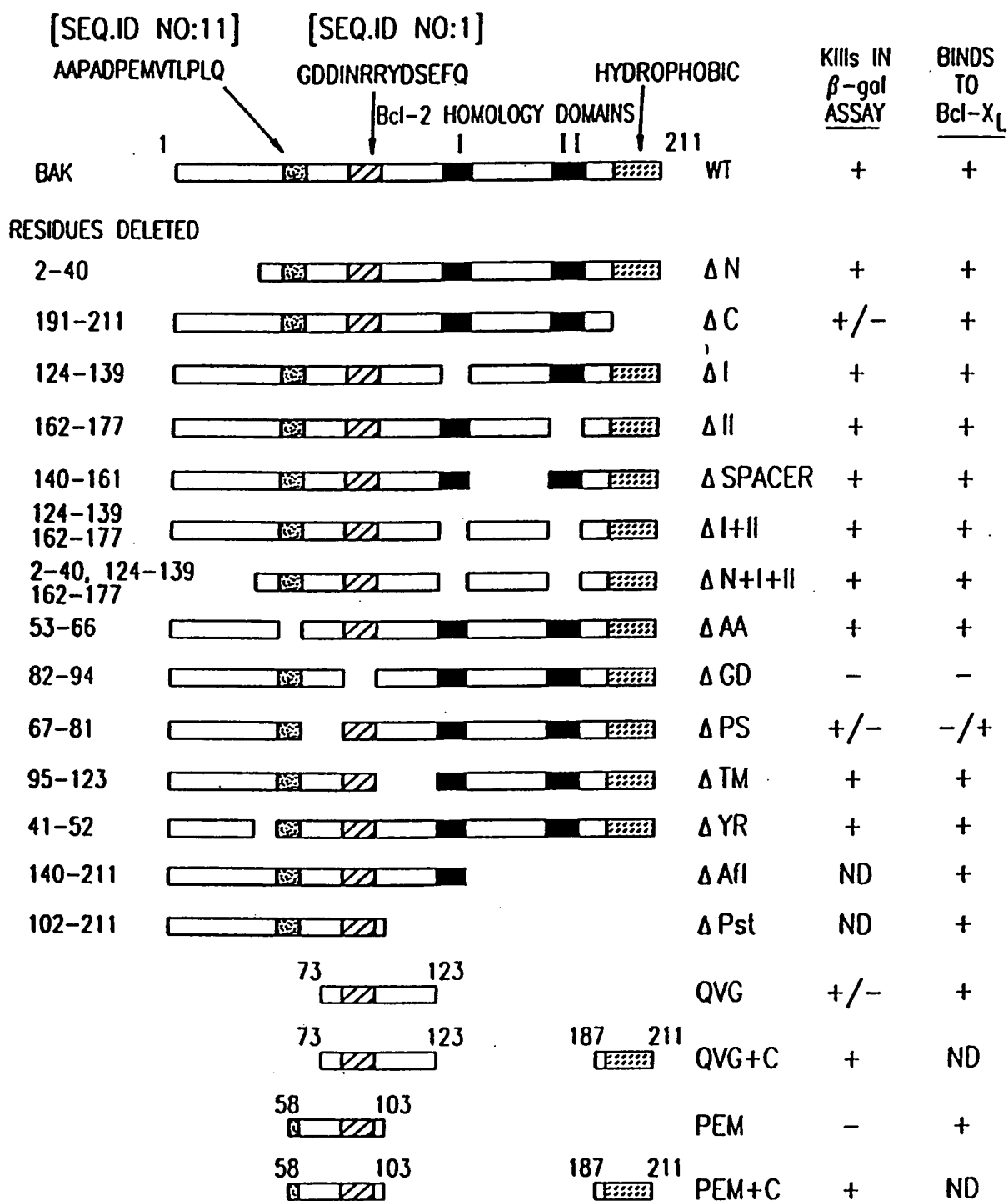
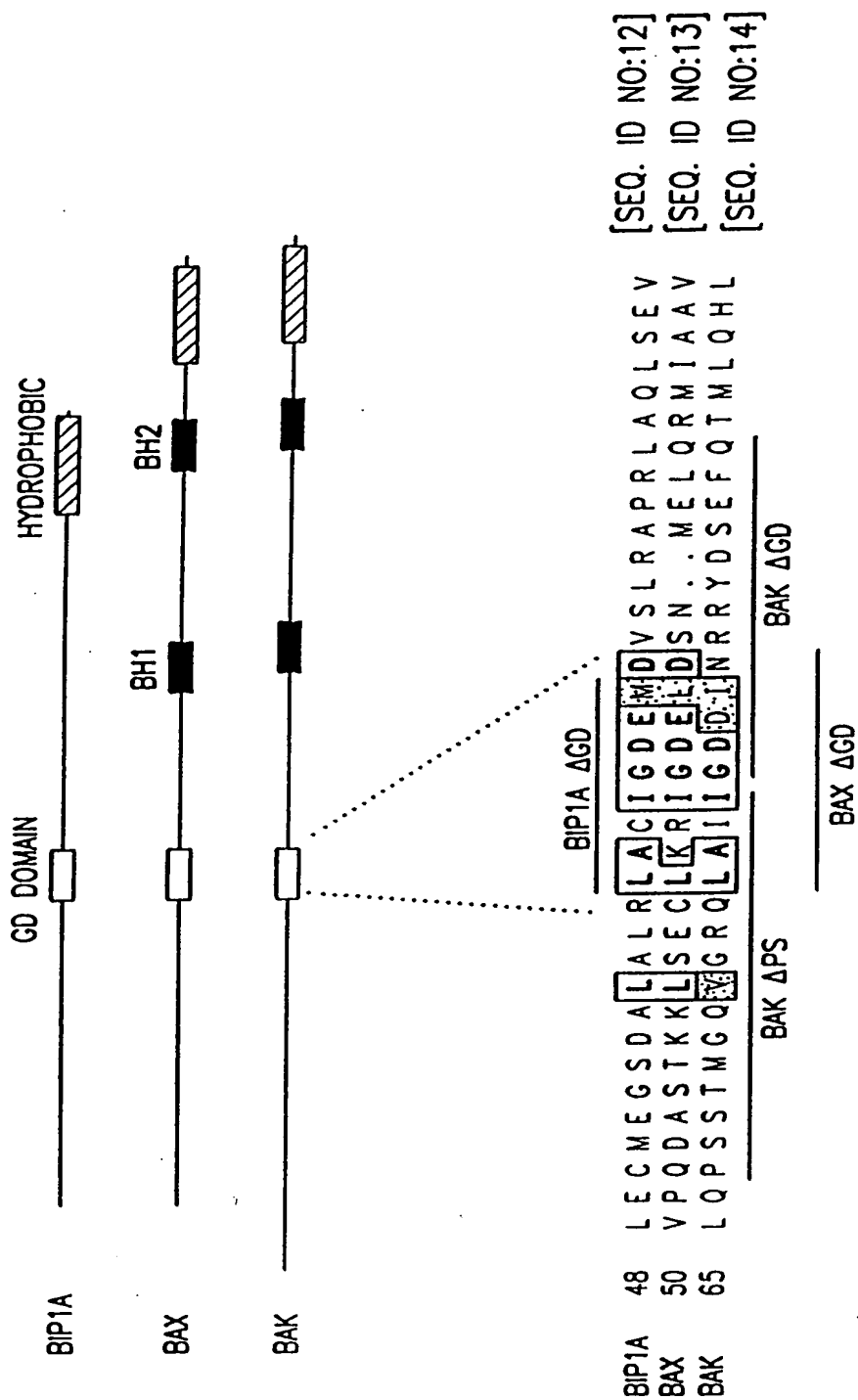


FIG.4





<u>PLASMID</u>	<u>RAT-1 CELL KILLING ACTIVITY</u>	<u>Bcl-X_L BINDING ACTIVITY</u>
Bak	+	+
Bak ΔPS	+/-	-/+
Bak ΔGD	-	-
Bax	+	+
Bax ΔGD	-	-
Bip1a	+	+
Bip1a ΔGD	+/-	-

FIG.6

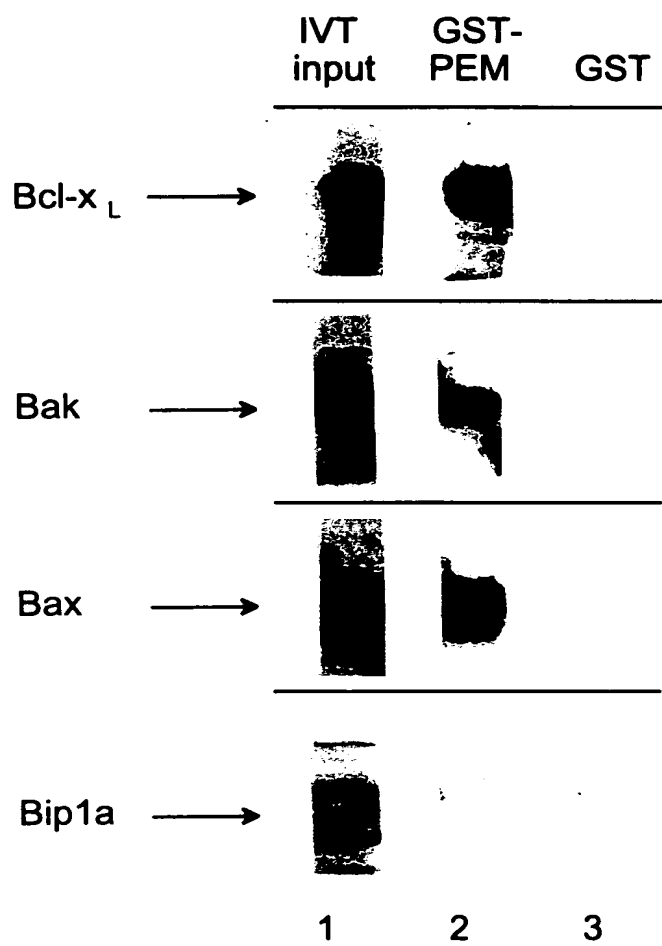


FIG.7



Bak

1.

73

CAG GTG GGA CGG CAG CTC GCC ATC ATC GGG GAC GAC ATC AAC CGA CGC TAT GAC TCA
Q V G R Q L A I I G D D I N R R Y D S
- 280

*

290

*

300

*
- GAG TTC CAG ACC ATG TTG CAG CAC CTG CAG CCC ACG
E F Q T M L Q H L Q P T

103
- [SEQ. ID NO: 15]

[SEQ. ID NO: 16]

3
2.

67

CCT AGC AGC ACC ATG GGG CAG GTG GGA CGG CAG CTC GCC ATC ATC GGG GAC GAC ATC
P S S T M G Q V G R Q L A I I G D D I
- 200

*

210

*

220

*

230

*

240

*

250

*
- [SEQ. ID NO: 17]

[SEQ. ID NO: 18]

2
3.

74

GTG GGA CGG CAG CTC GCC ATC ATC GGG GAC GAC ATC AAC CGA CGC
V G R Q L A I I G D D I N R R
- 220

*

230

*

240

*

250

*

260

*

88
- [SEQ. ID NO: 19]

[SEQ. ID NO: 20]

10

FIG. 8A



250 * 260 * 270 * 280 *
4. GGG GAC GAC ATC AAC CGA CGC TAT GAC TCA GAG TTC CAG [SEQ. ID NO: 21]
82 G D D I N R R Y D S E F Q 94 [SEQ. ID NO: 22]

Bax

160 * 170 * 180 * 190 * 200 * 210 *
5. CAG GAT GCG TCC ACC AAG AAG CTG AGC GAG TGT CTC AAG CGC ATC GGG GAC GAA CTG
52 Q D A S T K K L S E C L K R I G D E L

220 * 230 *
GAC AGT AAC ATG GAG CTG CAG
D S N M E L Q ZZ

[SEQ. ID NO: 23]
[SEQ. ID NO: 24] 6

180 * 190 * 200 * 210 *
6. CTG AGC GAG TGT CTC AAG CGC ATC GGG GAC GAA CTG GAC AGT AAC
52 L S E C L K R I G D E L D S N 73

[SEQ. ID NO: 25]
[SEQ. ID NO: 26] 7

FIG. 8B



190 * 200 210 *
7. CTC AAG CGC ATC GGG GAC GAA CTG GAC
63 L K R I G D E L D Z1

[SEQ. ID NO: 27]
[SEQ. ID NO: 28]

Bipla

150 * 160 170 180 190 200 *
8. TGC ATG GAG GGC AGT GAC GCA TTG GCC CTG CGG CTG GGC ATC GGG GAC GAG ATG
50 C M E G S D A L A L R L A C I G D E M

210 * 220 230 *
GAC GTG AGC CTC AGG GCC CCG CGC CTG
D V S L R A P R L ZZ

[SEQ. ID NO: 29]
[SEQ. ID NO: 30]

170 * 180 190 200 210 *
9. TTG GCC CTG CGG CTG GCC TGC ATC GGG GAC GAG ATG GAC GTG AGC
57 L A L R L A C I G D E M D V S Z1

[SEQ. ID NO: 31]
[SEQ. ID NO: 32]

190 * 200 *
10. ATC GGG GAC GAG ATG
64 I G D E M 68

[SEQ. ID NO: 33]
[SEQ. ID NO: 34]

FIG. 8C

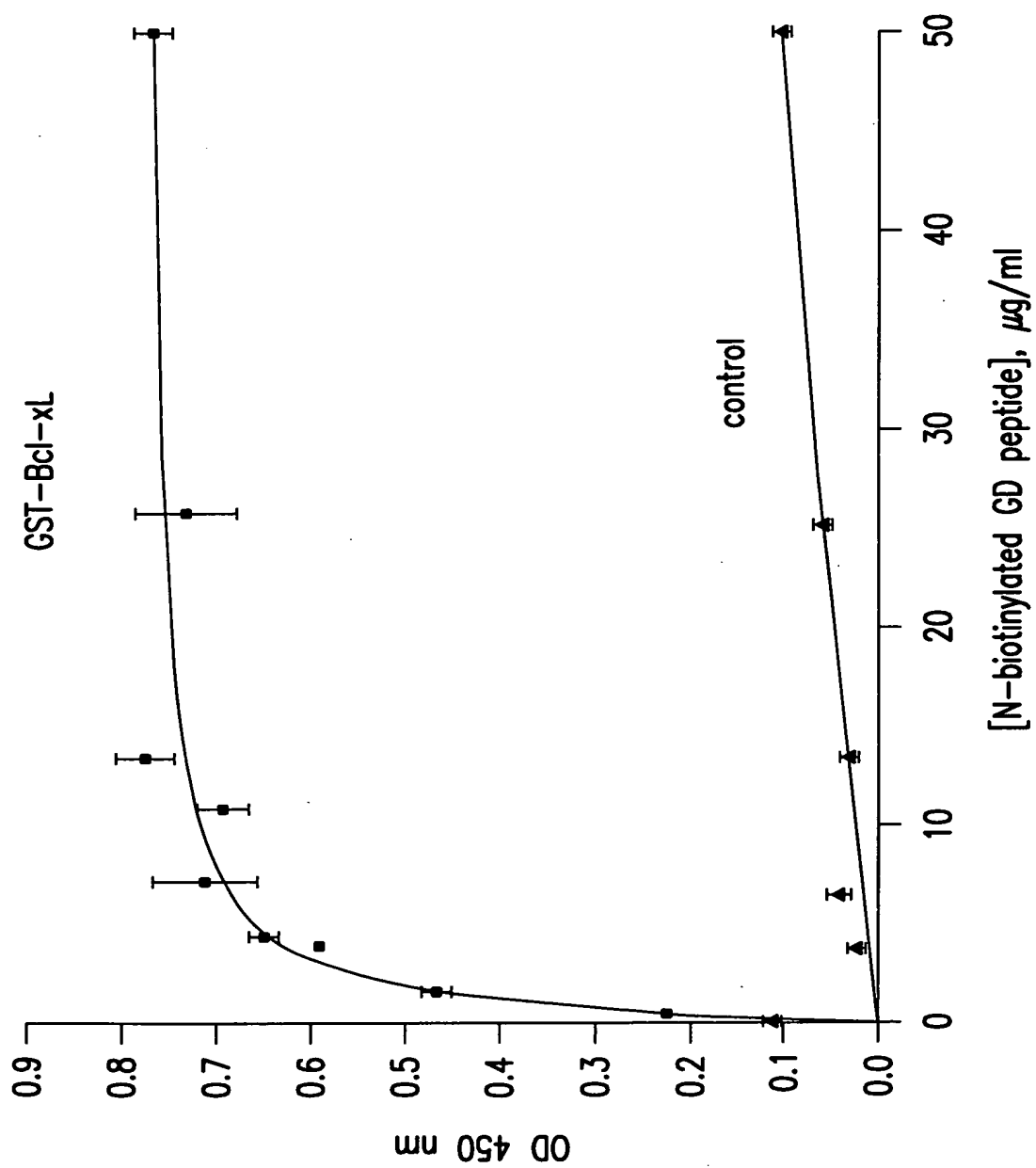


FIG.9

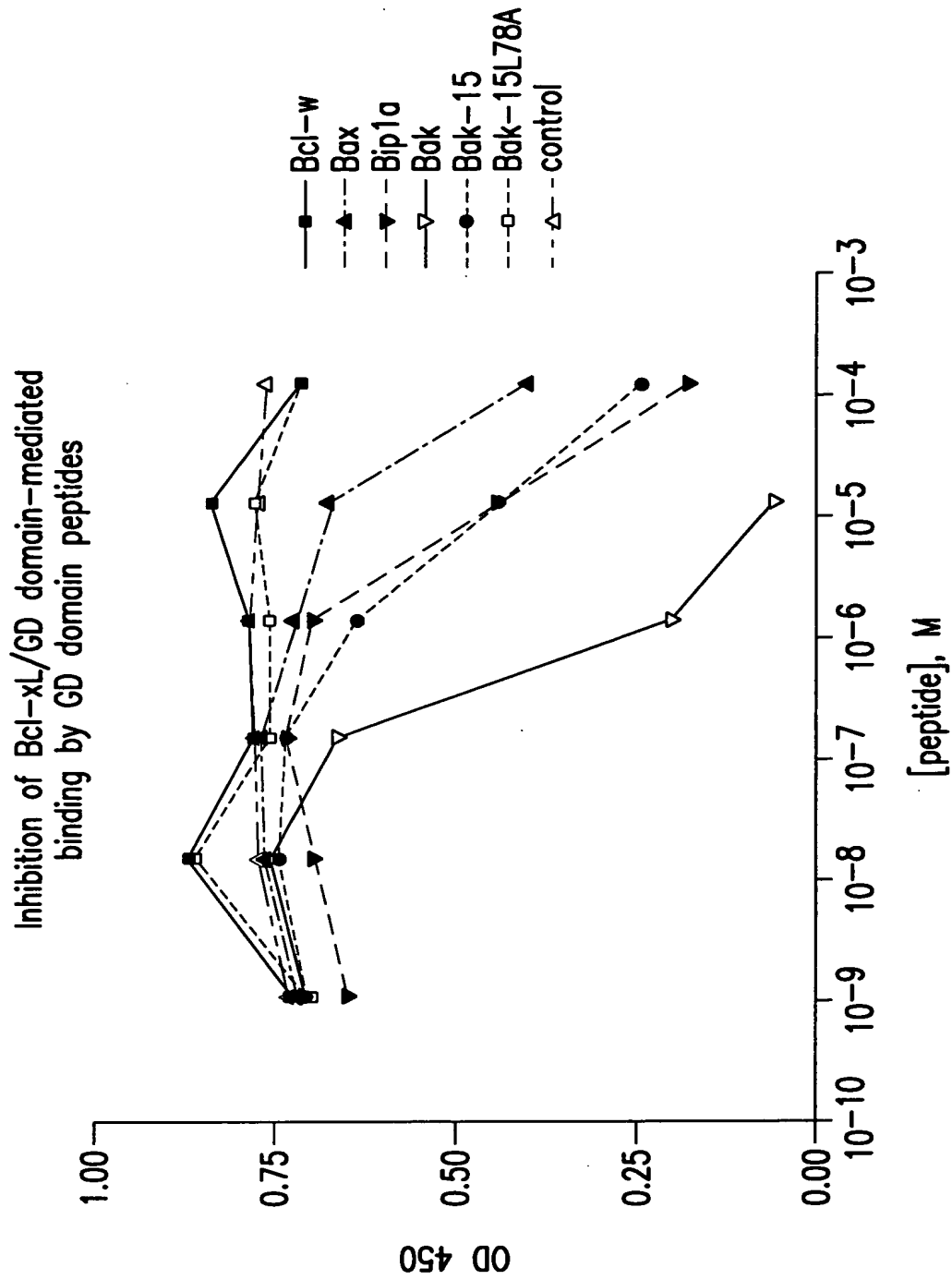


FIG.10

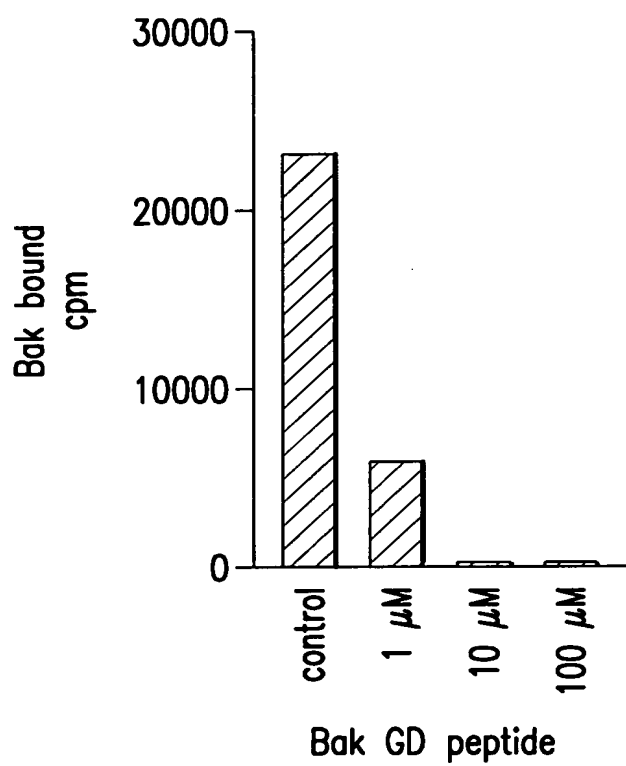


FIG.11



Inhibition of Bcl-xL protection of FAS/CHX-treated HcLa cells
by Bak GD domain peptides

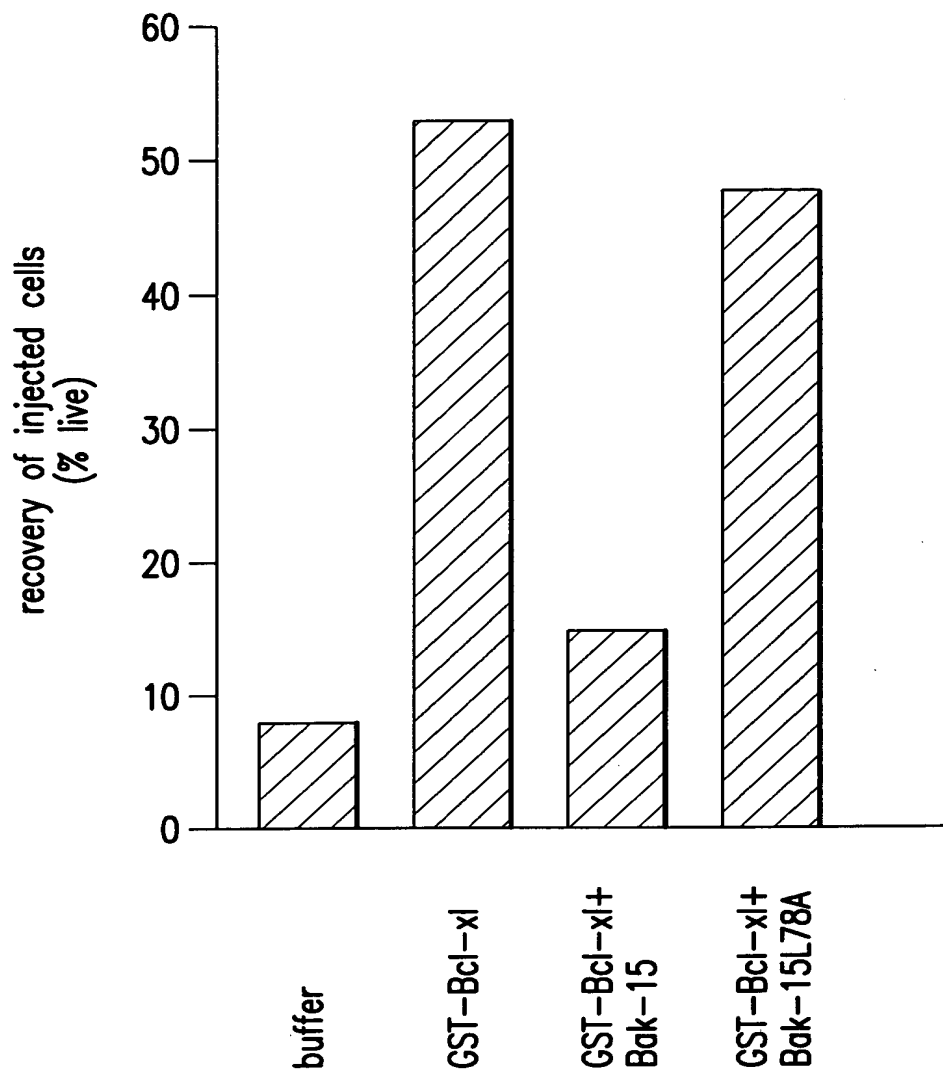


FIG.12